

District Five Functional Classification and Urban Boundary Update Process

August 16, 2022

Why this presentation?

- Provide initial information about upcoming process for updating:
 - ✓ Functional Classifications
 - ✓ Urban Boundaries
- Initiate multi-year coordination effort between D5 and MPOs



Presentation At-a-Glance

Background

- Census Update
- Functional Classification
- Urban Boundary

General Schedule

- Key Timeframes
- Current Status

Update Process

- Key Players
- MPO Point of Contact
- Key Considerations





- **Urban Areas** are revised every 10 years based on population counts from decennial census
- **Functional Classifications** are reviewed and updated during the same timeframe as urban boundary adjustments
- **Urban Boundaries** are adjusted by Census Bureau and can be refined further if desired by FHWA and FDOT

Functional Classification

- **Method** to assign public roadways into classifications according to the character of service they provide in relation to the total roadway network

- **Hierarchy** of classifications

*Roadway purpose can range from **neighborhood streets** serving local trips to **interstates** that support long-distance movement of people and goods*

- **Access and Mobility** are central considerations

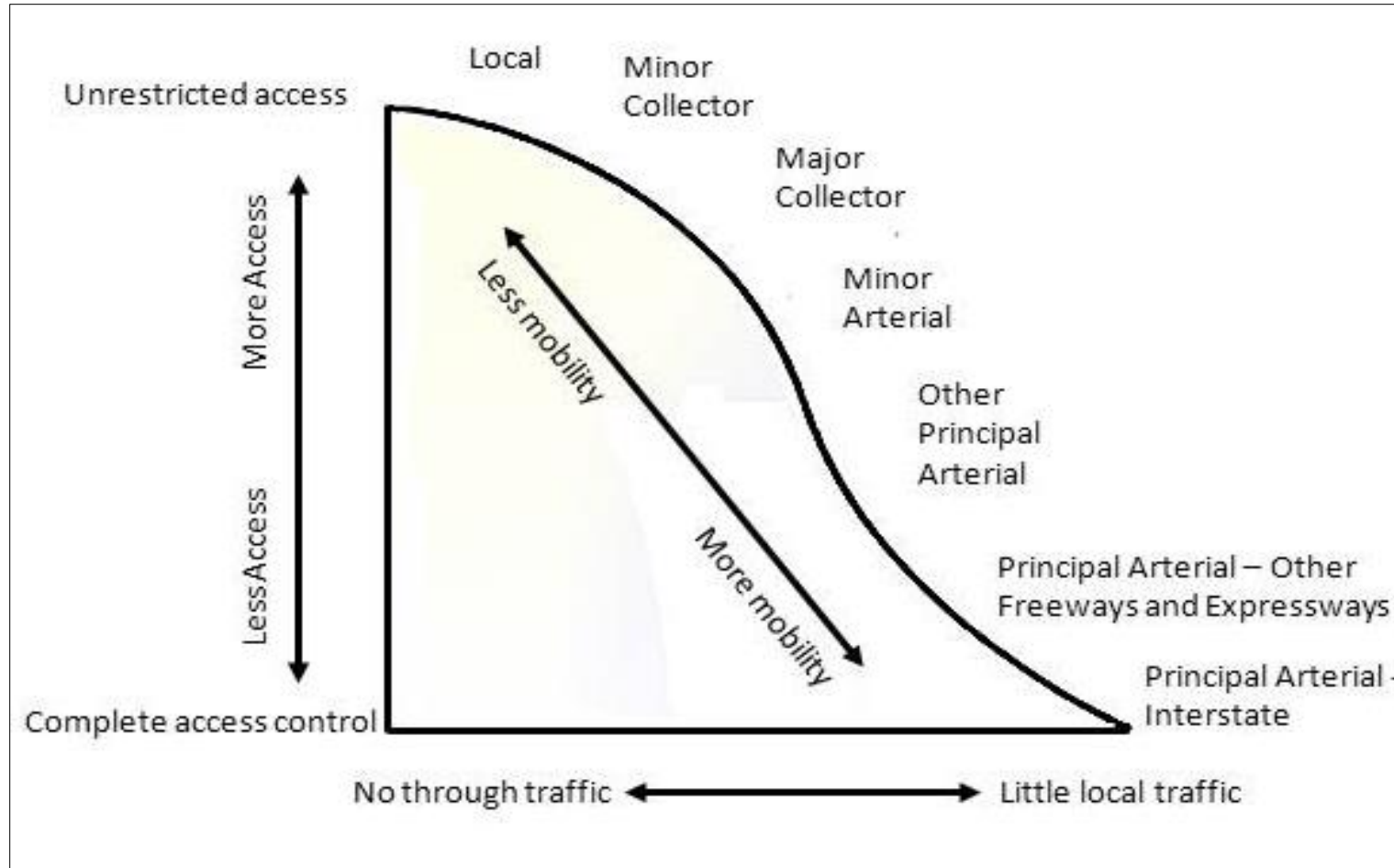


Functional Classification Categories

URBAN OR RURAL	EXAMPLES
Principal Arterial - Interstate	I-4, I-95
Principal Arterial - Other Freeways & Expressways	SR 417, SR 429
Principal Arterial – Other	US 92, US 1
Minor Arterial	Dr. Martin Luther King Jr. Beltway, LPGA Blvd
Major Collector	Grand Ave., Hand Ave.
Minor Collector	Marsh Rd., Madison Ave.
Local	Rich Ave., Grandview Ave.



Functional Classification: Mobility vs. Accessibility



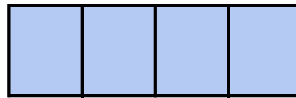
Source: FHWA

Comparing to FHWA Ranges

Percent Mileage by Urban Classification

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85																		
Principal Arterial Interstate		X																																																															
Principal Arterial Expressway		X																																																															
Other Principal Arterial						X																																																											
Minor Arterial						X																																																											
Major Collector								X																																																									
Minor Collector						X																																																											
Local																																																																	

FHWA Range for Urban States



District Percentage **X**

Observations:

- Low Minor Arterials
- Low Minor Collectors
- High Locals



Application of Functional Classification (FC)

- FC can be considered in **prioritization**
- FC can be considered in **roadway design** along with other considerations like context classification
- FC defines data collected for **performance management**
- FC determines **funding eligibility** from certain sources
 - Example – FEMA emergency response funding

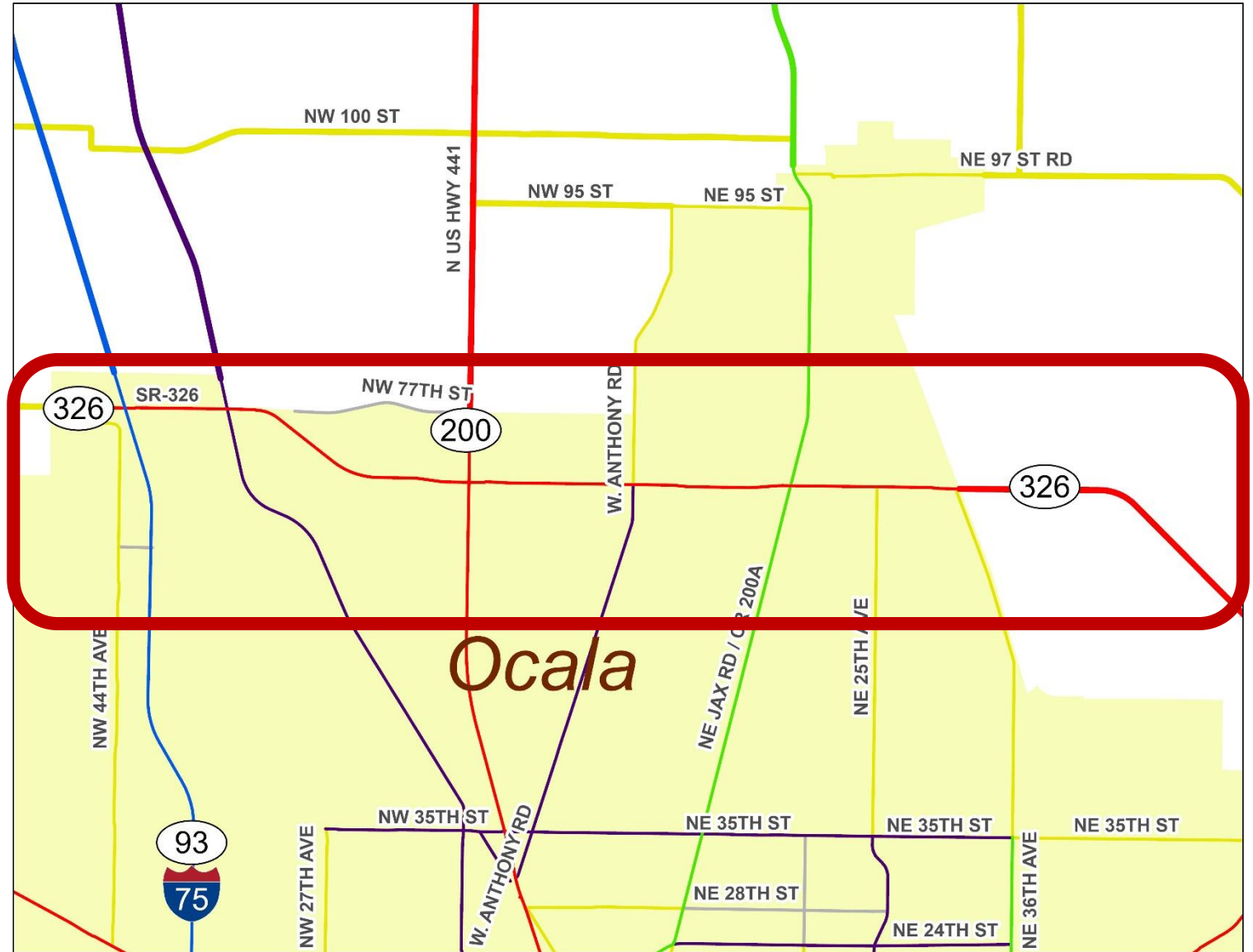
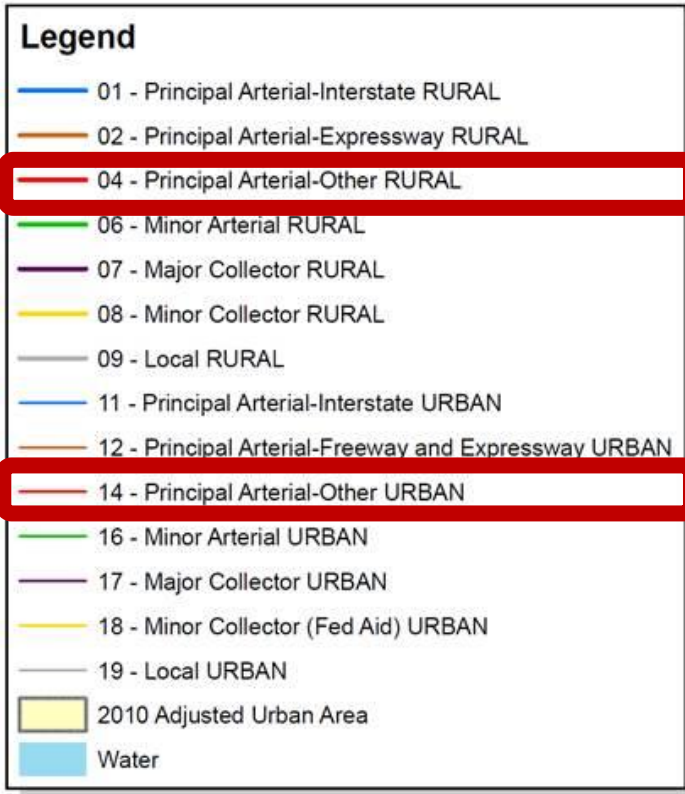
Urban Boundaries

- The line distinguishing defined urban areas from rural areas
- Approach is evolving with new 2020 Census Bureau criteria

Moving from census tract and block population density to housing unit and development density

Urban Boundaries and Functional Classification

BACKGROUND



Urban Boundaries

Federal-Aid Highway System Funding

Functional Class System	Urban	Rural
1 - Interstate	Yes	Yes
2 - Principal Arterial - Other Freeways and Expressways	Yes	Yes
3 - Principal Arterial - Other	Yes	Yes
4 - Minor Arterial	Yes	Yes
5 - Major Collector	Yes	Yes
6 - Minor Collector	Yes	No
7 - Local	No	No

2022-2025: Coordinate D5 Functional Classification review and 2020 Urban Boundary adjustments

Winter 2022: US Census Bureau releases finalized 2020 Urban Areas

Winter 2022/Spring 2023: USDOT designates Transportation Management Area (TMAs)



2022-2025: Coordinate D5 Functional Classification review and 2020 Urban Boundary adjustments

- Initial MPO/TPO Committee Outreach (today)

- Functional Classification Update
 - MPO/TPO Presentations
 - Outreach to Local Governments
 - MPO/TPO Presentations for Board Approval

- Urban Boundary Update
 - MPO/TPO Outreach
 - MPO/TPO Presentations for Board Approval



Current Activities

- Initial Presentations to MPO Committees

Ocala Marion TPO	August 9
Lake~Sumter MPO	August 10
River to Sea TPO	August 16
MetroPlan Orlando	August 24, 26, September 8
Space Coast TPO	September 6

- Quality Control (QC) review of Functional Classification data
 - New roadways
 - Modifications
 - Other changes



Key Players in Approval Process

- FHWA
 - Signatory
- FDOT Transportation Data and Analytics (TDA) Office
 - Coordinate between districts and FHWA
- FDOT D5
 - Signatory
- MPOs/TPOs
 - Signatory



FDOT D5 Contact

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River to Sea TPO

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Final Considerations

- This is the initial outreach
- These are important processes
- Your participation will be important



Questions